

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP 03/03925

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E01F15/08
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	NL 1 006 481 C (LAURA METAAL EYGELSHOVEN B V) 5 January 1999 (1999-01-05) cited in the application page 7, line 16 -page 18, line 35; figures 4,5 ---	1-5
Y	EP 1 001 090 A (POZIN FRANCOIS XAVIER ;VERDIERE PIERRE (FR)) 17 May 2000 (2000-05-17) column 8, line 38 -column 9, line 7; figure 13 ---	1-5
A	US 4 681 302 A (THOMPSON MARION L) 21 July 1987 (1987-07-21) column D, line 38 - line 43; figure 1 ---	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

11 August 2003

Date of mailing of the International search report
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20/08/2003

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Information on patent family members

International Application No.

PCT/EP 03/03925

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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EP 1001090	A	17-05-2000	FR	2785920 A1		19-05-2000
			DE	19953566 A1		18-05-2000
			EP	1001090 A2		17-05-2000
US 4681302	A	21-07-1987	EP	0297182 A1		04-01-1989
			AT	81534 T		15-10-1992
			DE	3782249 D1		19-11-1992
			DE	3782249 T2		11-03-1993
			CA	1214347 A1		25-11-1986